

Magnesium chloride hexahydrate, for cell culture

Chemical Properties

CAS No. :

Formula: $\text{Cl}_2\text{H}_{12}\text{MgO}_6$

Molecular Weight: 203.3

Storage: keep away from moisture, keep away from direct sunlight

store at 4°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Magnesium chloride hexahydrate, for cell culture, is the hexahydrate form of magnesium chloride. It serves as a source of magnesium ions and a cofactor for numerous enzymes. Additionally, Magnesium chloride hexahydrate, for cell culture, can enhance the activity of Ca^{2+} ATPase.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9188 mL	24.5942 mL	49.1884 mL
5 mM	0.9838 mL	4.9188 mL	9.8377 mL
10 mM	0.4919 mL	2.4594 mL	4.9188 mL
50 mM	0.0984 mL	0.4919 mL	0.9838 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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